

Notice: This application is authorized by s. 283.37, Wis. Stats., and chs. NR 151 and 216, Wis. Adm. Code. Personally identifiable information on this form may be used for other program purposes and may be made available to requestors under Wisconsin's Public Records laws and be posted on the Department's internet site.

Instructions: Complete the following for all permit applications. If additional space is needed to respond to a question, attach additional pages. Provide descriptions below that explain the program activities that you expect to develop and implement to comply with the Municipal Separate Storm Sewer System (MS4) general permit (<http://dnr.wi.gov/org/water/wm/nps/stormwater/muni.htm>). Section 3 of the MS4 general permit contains the compliance schedules that direct when the individual program activities need to be developed and submitted to the Department for review. The detailed programs that are developed and submitted to the Department for review may deviate from the program activities described below if necessary. The descriptions provided below are necessary for the Department to verify that the municipality's program activities comply with the permit.

Section I: Applicant Information

Name of Municipality

Town of Ledgeview

Mailing Address

3700 Dickinson Rd

City

DePere

State

WI

Postal Code

54115

County(s) in which Applicant is located

Brown

Type of Municipality: (check one)

☐ County

☐ City

☐ Village

☒ Town

☐ Other (specify)

Section II: Local Contact Information (check one):

Name of Municipal Contact Person

Sarah Burdette

Title

Mailing Address

3700 Dickinson Rd

City

DePere

State

WI

Postal Code

54115

E-mail address

sburdette@ledgeview.wisconsin.gov

Telephone Number (include area code)

920-336-3360 ext 108

Fax Number (include area code)

920-336-8517

Section III: Water Quality Concerns

Yes

No

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Does any part of the MS4 discharge to an outstanding resource water (ORW) or exceptional resource water (ERW) listed under s. NR 102.10 or 102.11, Wis. Adm. Code? (An unofficial list of ORWs and ERWs may be found on the Department's Internet site at: <http://dnr.wi.gov/org/water/wm/wqs/>)

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Does any part of the MS4 discharge to an impaired waterbody listed in accordance with section 303(d)(1) of the federal Clean Water Act, 33 USC § 1313(d)(1)(C)? (A list of Wisconsin impaired waterbodies may be found on the Department's Internet site at: <http://dnr.wi.gov/org/water/wm/wqs/303d/303d.html>)

Section IV: Area and Population Within the MS4

Yes

No

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Is the MS4 within an "Urbanized Area" as defined by U.S. EPA? (See <http://www.epa.gov/npdes/pubs/fact2-2.pdf>)

If no, skip the rest of this section and continue to Section V. If yes, estimate the area served by and the population within the MS4 in an Urbanized Area (UA).

(Urbanized Area maps are available on the EPA web site at: <http://cfpub1.epa.gov/npdes/stormwater/urbanmaps.cfm>)

Total municipal area (in square miles):

17.66

Total municipal population (in year 2000):

3363

MS4 service area within Urbanized Area (in square miles):

1.69

Municipal population within Urbanized Area (in year 2000):

1831

Section V: Potential Permit Exemption

Yes

No

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Section NR 216.023, Wis. Adm. Code, allows certain MS4s that have less than 1000 people residing in an urbanized area to be waived from having to obtain municipal storm water permit coverage.

Do you believe that the MS4 may be eligible for this potential exemption?

Section VI: Summary of Municipal Storm Water Program Activities

Describe the programs or activities the municipality is doing or will do to comply with the requirements of the MS4 general permit. Attach additional pages if necessary.

A. Public Education and Outreach

Describe the public education and outreach program activities that the municipality will implement to comply with section 2.1 of the MS4 general permit.

See Attached

B. Public Involvement and Participation

Describe the public involvement and participation program activities that the municipality will promote to comply with section 2.2 of the MS4 general permit.

See Attached

C. Illicit Discharge Detection & Elimination

Describe the illicit discharge detection and elimination program authority and activities that the municipality will develop and implement to comply with section 2.3 of the MS4 general permit.

See Attached

D. Construction Site Pollution Control

Describe the construction site pollutant control program authority and activities that the municipality will develop and implement to comply with section 2.4 of the MS4 general permit.

See Attached

E. Post-Construction Site Storm Water Management

Describe the post-construction storm water management program authority and activities that the municipality will develop and implement to comply with section 2.5 of the MS4 general permit.

See Attached

F. Pollution Prevention

Describe the pollution prevention program activities that the municipality will implement to comply with section 2.6 of the MS4 general permit.

See Attached

Section VII: Certification

I hereby certify that I am an authorized representative of the municipality that is the subject of this application for general permit coverage, and that the information provided is true and complete, to the best of my knowledge. I understand that Wisconsin law provides severe penalties for submitting false information.

Authorized Representative Name

Title

Scott Brostean

Town Engineer

Signature

Scott Brostean

Date Signed

6/6/06

E-mail address

scott.brostean@meadhunt.com

Telephone Number (include area code)

920.496.0500

Fax Number (include area code)

920.496-0576

Return this completed form to:

Wisconsin Department of Natural Resources
Storm Water Program – WT/2
PO Box 7921
Madison, WI 53707-7921

ATTACHMENT A

A. Public Education and Outreach Education and Outreach Program

1. In 1994, the Town developed and adopted the Storm Water Management Plan (SWMP) for the urbanizing area - area from East River to the west including portions of the City of De Pere. Part of the SWMP is to plan regional Best Management Practices (BMP's) to cover the urbanized area rather than individual site BMP's.

Four (4) public information meetings were held on storm water management

- What is storm water management
 - Effects everyone
 - Urban water runoff
 - Surface water quality
 - Changes with development
 - Effects on natural resources
 - Wetlands
 - Fish
 - Sedimentation
 - Salt on roads
 - Flooding
 - Etc.
- a) The first meeting was held at the start of development of the SWMP
 - Review items under A.1. above
 - Goals and objectives of SWMP
 - b) The second meeting was held at the 60-75% completion point of the SWMP
 - Review items under A.1.a) above
 - Preliminary findings of report
 - c) The third meeting was held at the 100% completion point of the SWMP
 - Review items under A.1.a) above
 - Presentation of the SWMP recommendations
 - d) The fourth meeting was held when the Town Board adopted the SWMP
 - Review items under A.1.a) above
 - Presentation of the SWMP

The four meetings were held in 1994 and 1995. During this time and to the current date, construction site erosion management tri-folds were distributed at the above meetings, mailed out to property owners of the Town and were and are available to the public at the Town office.

2. In 1994, the Town developed and adopted the Ledgeview Erosion Control Ordinance. A Town committee was set up by the Town Board to start with a draft erosion control ordinance, review and edit the draft, and make recommendations on adoption of an erosion control ordinance to the Town Board. The committee generally met on a weekly basis to accomplish the goal. At least three public information meetings were held.
 - a) The first public meeting of the development of the erosion control ordinance committee was to discuss in general what storm water management and erosion control meant and what the purpose of the ordinance was.
 - Review items under A.1. above
 - b) The second public meeting was at the presentation of the ordinance to the Town Board and the public.
 - Review items under A.1. above
 - d) The third public hearing meeting was held when the Town Board adopted the ordinance.
 - Review items under A.1. above

Construction site erosion management tri-folds were distributed at these meetings.

The erosion control ordinance is implemented and managed by an erosion control permit, Town administrative staff, Town Building Inspector and the Town Board.

3. In 1994, the Town developed and adopted the Ledgeview Storm Water Management ordinance. A Town committee was set up by the Town Board to start with a draft storm water management ordinance, review and edit the draft and make recommendations on adoption of an ordinance to the Town Board. The committee generally met on a weekly basis to accomplish the goal. At least three public information meetings were held.
 - a) The first public meeting of the storm water management ordinance committee was held to discuss in general what storm water management meant and what the purpose of the ordinance was.
 - Review items under A.1. above
 - b) The second public meeting was at the presentation of the ordinance to the Town Board and the public.
 - Review items under A.1. above
 - d) The third public hearing meeting was held when the Town Board adopted the ordinance.
 - Review items under A.1. above

Construction site erosion management tri-folds were distributed at these meetings.

The storm water management ordinance is implemented and managed by:

- Commercial site plan review and approval and planned commercial-residential development district review and approval
 - Town Planning and Zoning Committee
 - Town Board
 - Town Engineer Consulting firm
- Construction site overview
 - Town Building Inspector
 - Town Board
 - Town Engineer Consulting firm

4. In 2004 the Town of Ledgeview complete a storm water management study for the portion of the Town from the East River, east, to the ledge. This study included all the major tributaries to the East River. A public informational meeting was held to present the study.
5. In 2005 the Town of Ledgeview completed a storm water management study for the portion of the Town from the ledge tot he easterly Town limits. With the inclusion of this study the entire Town is covered by a storm water management study. A public informational meeting was held to present the study.
6. In 2005 the Town's storm water management ordinance was updated to account for both the quantity of water and the quality of water.
7. Regional detention pond planning, design and construction. Public information meetings were held to inform the public about storm water management.
 - a) At least three public meetings were held on each of the following projects:
 - 1) Wet detention pond No. 5, 1993 - 1994
 - 2) Wet detention pond No. 1, 1994 - 1995
 - 3) Wet detention pond No. 2, 1998 - 1999
 - 4) Wet detention pond No. 3, 2001 - 2002
 - 5) Wynding Waters dry detention pond No.'s 8 and 9, 2000 - 2001
 - 6) Wetland detention pond No. 4, 2002 - 2003
 - b) At least two public information meetings were held on each of the following projects:
 - 1) Storm water flow area to De Pere East River pond
 - 2) Beau Rivage dry detention pond No. 6, 1998 - 1999
 - 3) Willems Plat dry detention pond No. 7, 2000 - 2001
 - 4) From 2003 to 2006 a total of 7 regional ponds have been added in

Ledgeview. All ponds have had 2 public informational meetings prior to construction.

5. Brown County and regional education and outreach programs.
 - a) Brown County does have a hazardous waste program where there is an education program, a hazardous waste collection and disposal program.
 - b) Ledgeview is a member of the North East Wisconsin Stormwater Consortium. This is a group of area communities working together for cost-effective stormwater management and regulatory compliance.

B. Public Involvement and Participation

1. Publish legal notices, posting three locations within the community, newsletters.
 - a) Where required by statute to publish in the local newspaper for adoption of ordinances etc., the notice of hearings for adoption is published in the Green Bay Press-Gazette.
 - b) In addition to the publication in the newspaper, all publications and notices of meetings are posted in three locations within the community.
 - c) Ledgeview has a quarterly newsletter where articles on storm water management are published and mailed to the entire Town. Where timing allows, notices of hearings and meetings are also published in the quarterly newsletter.
2. Ledgeview Beautification Committee. The Beautification Committee is very active and involved with the community. The Town asked the committee members to be civic minded and help the Town watch for undesirable material spills or products on streets, grass clippings on streets, tracking of mud on streets, etc. Such happenings are reported to the Town office for follow-up by Town staff. The Beautification Committee also plants flowers in islands and other locations, put up beautification banners, etc. to keep Ledgeview the place to live and maintain the style of life.
3. Ledgeview Park Committee. The Park Committee is very active in park planning, development and natural trail planning and development in and around natural conservancy areas. Because materials that are on the streets have the potential of entering the storm sewer system and the East River, the Town asked the committee members to be civic minded and help the Town watch for undesirable material spills or products on the streets, grass clipping on streets, tracking of mud on streets, etc. Such happenings are reported to the Town office for follow-up by Town staff.
4. Town Board, Sanitary District Board, Public Works, Building Inspector and staff.

It is one of the responsibilities of the Town Board, Sanitary District Board, Public Works, Building Inspector and staff that when performing their normal activities to watch for undesirable material spills or products on streets, grass clippings on streets, tracking of mud on streets, etc. Such happenings are reported to the Town office for follow-up.

5. The general public/residents report to the Town office undesirable material spills or products on streets, grass clippings on streets, tracking of mud on streets, etc. These activities are encouraged by the Town Board, the Town staff and is promoted in the Town's quarterly newsletter.

C. Illicit Discharge Detection and Elimination

1. Watch Dog Program. As discussed under Public Involvement and Participation, we have the Watch Dog Program involvement of the Beautification Committee, the Park Committee, the Town Board, Sanitary District Board, Public Works, Building Inspector and staff for street surface problem identification.
2. Once per year inspection/observation. Once per year, Town staff does an inspection/observation of all storm sewer outfalls. If necessary, the area is cleaned up and necessary follow-up research is done.
3. The Town Street Supervisor (Town Board Supervisor) travels the streets once per week to watch for undesirable material spills or products on the streets, grass clipping on streets, tracking of mud on streets and to detect for illicit discharge detection. The Public Works and Building Inspection department also watch in daily travels through the Town.
4. The Town Chairman travels the streets once per week to watch for undesirable material spills or products on the streets, grass clipping on streets, tracking of mud on streets and to detect for illicit discharges detection.
5. The Town Constable travels the streets to watch for undesirable material spills or products on the streets, grass clipping on streets, tracking of mud on streets and to detect for illicit discharges detection.
6. The Town Engineering Consulting firm is involved with project construction administration and observation and observes for the performance of Best Management Practices, and for undesirable material spills or products on the streets, grass clipping on streets, tracking of mud on streets and to detect for illicit discharges detection.
7. Limited sources of potential illicit discharge. Since Ledgeview is a small community we have very few sources of potential illicit discharges but we are watching before any discharges happen.

NOTE: The items, paragraphs are listed separately because they are actually done at different times so that better detection observation is accomplished.

D. Construction Site Runoff Control

1. Ledgeview Construction Site Erosion Control ordinance. In 1994, the Town drafted, adopted and implemented the Ledgeview Construction Site Erosion Control ordinance. The ordinance covers all construction sites regardless of size. The ordinance will be updated in 2006.
2. Ledgeview Construction Site Erosion Control ordinance enforcement.
 - a) All construction is required to get a permit from the Town office before the start of construction, issued by the Town Building Inspector. Site plans and written erosion and sediment control plans are reviewed by the Town Building Inspector.
 - b) The Town Building Inspector makes inspections during construction to make sure that the contractors are following Best Management Practices (BMP's).
 - c) The Town Board, Town staff and Town's Engineering Consulting firm observes construction when performing their normal duties and/or just traveling within the Town. When the contractor is not performing BMP's, especially tracking of mud on streets, the problem is addressed immediately with the contractor and reported to the Town Building Inspector.

The general public/resident has reported instances where the contractor is not performing BMP's. This is encouraged by the Town Board and staff.

Citations are issued by the Town Building Inspector, Town Chairperson and Town Administrator. If the situation is not corrected, it is enforced by the De Pere - Ledgeview Municipal Court.

- d) Commercial site plan and planned commercial-residential development districts plans including written erosion and sediment control plans are reviewed and approved by the Ledgeview Planning and Zoning Committee, Building Inspector, Public Works, Fire Chief, site plan review committee and then reviewed and approved by the Town Board.

Public hearings are conducted to give the public an opportunity to comment on any issue with the plan including erosion and sediment control.

After the Planning and Zoning Committee and Town Board approval, the

plan and building need to receive a building permit from the Town Building Inspector and enforcement by the Town Building Inspector as discussed in the previous paragraphs.

- e) Municipal sanitary sewer, water main, storm sewer and street construction plans show erosion control, storm water management and best management practices. The written erosion control and storm water management plan is included in the specifications. The erosion control and storm water management plan is reviewed and approved by the Brown County Planning Commission staff. The contractor on the projects are required to get a construction permit for erosion control and storm water management from the Town Building Inspector. Erosion control and storm water management is monitored by the Town Building Inspector, the Town's Engineering Consulting firm and the Wisconsin Department of Natural Resources.

E. Post-Construction Site Runoff Control

1. Ledgeview Storm Water Management ordinance adoption. In 1994, the Town drafted, adopted and implemented the Ledgeview Storm Water Management ordinance. The ordinance covers sites down to one (1) acre and areas part of a common plan or development. The ordinance was updated in 2005 to cover sites down to 0.5 acres. The ordinance was also revised to not only control the runoff quantity but also the quality per NR 216 and NR 151.
2. Ledgeview Storm Water Management ordinance enforcement.
 - a) Commercial site plans and planned commercial-residential development districts plan review and approval. Commercial site plans and planned commercial-residential development districts are reviewed by the Ledgeview Planning and Zoning Committee and then reviewed and approved by the Town Board to ensure that the developments meet the Town's Storm Water Management ordinance. The Town's Engineering Consulting firm, Mead & Hunt, Inc., reviews the written documentation of the development to make sure the development meets the Town's Storm Water Management ordinance. Public hearings are conducted to give the public the opportunity to comment on any issue with the plan including storm water management.

After the Planning and Zoning Committee, Town Board and the Town's Engineering Consulting firm approval, the plan and building need to receive permits from the Town Building Inspector and construction inspection and enforcement by the Town Building Inspector during construction.
3. Regional Storm Water Management in the Urbanizing Areas.

- a) Four (4) regional wet detention ponds (refer to Exhibit I and Exhibit II). Refer to Exhibit I which shows the existing storm sewer and location of the four wet detention ponds. Refer to Exhibit II which shows the drainage tributary areas to the four wet detention pond No.s 1, 2, 3 and 5. The pond No.s 1, 2 and 3 were designed as wet detention basins per WDNR guidelines for the same. Pond No. 5 is a wet detention pond built by private property owners.

- 1) Pond No. 1 tributary area includes part of the City of De Pere and the Town of Ledgeview, refer to Exhibit II. There is an existing intergovernmental agreement between the City of De Pere and Town of Ledgeview.
- 2) Pond No. 2 tributary area includes part of the City of De Pere and the Town of Ledgeview, refer to Exhibit II. There is an existing intergovernmental agreement between the City of De Pere and Town of Ledgeview.
- 3) Pond No. 3 tributary area includes part of the City of De Pere and the Town of Ledgeview, refer to Exhibit II. The design of pond No. 3 does consider the fact that, per input from the City of De Pere, the water from the area tributary to pond No. 3 from the City of De Pere conforms to policy of the 25 year storm post development equals the 25 year storm pre development.
- 4) Pond No. 5 tributary area is a small portion of the Town, refer to Exhibit II.

- b) One (1) regional storm water wetland detention pond No. 4, refer to Exhibit I, which shows the existing storm sewers and location of the wetland detention pond No. 4. Refer to Exhibit II which shows the drainage tributary areas to the wetland detention pond No. 4. In 2003, wetland detention pond No. 4 was designed and constructed.

Wetland detention pond No. 4 tributary area includes part of the City of De Pere and the Town of Ledgeview, refer to Exhibit II.

- c) Regional retention ponds No. 10, 11, 23, 25, and 26 were constructed between 2003 and 2006. All these ponds are wet retention ponds meeting NR 216 requirements. Pond No. 27 will be build in 2006.
- d) Area tributary to City of De Pere - De Pere East River pond. Refer to Exhibit I, which shows the existing storm water sewers and location of the De Pere East River pond. Refer to Exhibit B which shows the drainage tributary areas to De Pere East River pond. There is an existing intergovernmental agreement between the City of De Pere and Town of Ledgeview.

- e) Regional dry detention pond No. 6 for Beau Rivage plat development. Refer to Exhibit I, which shows the existing storm water sewers and the location of the Beau Rivage dry detention pond. Refer to Exhibit II, which shows the drainage tributary areas to Beau Rivage dry detention pond.
- f) Regional dry detention pond No.'s 8 and 9, and drainage ditches for Wynding Water development. Refer to Exhibit I which shows the existing storm water sewers, drainage ditches and the location of the two Winding Waters dry detention ponds. Refer to Exhibit II, which shows the drainage tributary areas to the two Winding Waters dry detention ponds.
- g) Regional dry detention pond No. 7 for Willems plat development. Refer to Exhibit I, which shows the existing storm water sewers and the location of the Willems dry detention pond. Refer to Exhibit II, which shows the drainage tributary areas to Willems dry detention pond.
- h) The Town has developed a Storm Water Management Plan (SWMP) for the entire Town of Ledgeview even though the area is not in the current urbanized area.

F. Pollution Prevention

- 1. Wet and dry ponds. During months when the ground is not frozen, Town staff does monthly inspections of the ponds. Any bank erosion and out-fall structure erosion is corrected immediately.
- 2. Street sweeping. The Town does street sweeping on a regular basis by a contract agreement by an outside contractor. Based on observations by staff of the streets, the streets are swept on an on-call basis in between regular sweepings.
- 3. De-Icing Management. The Town Road Supervisor (Town Board Supervisor) manages the street de-icing, which is done by an outside contractor. De-icing is done on an as-needed basis by request of the Town Road Supervisor and not automatic at the wishes of the outside contractor. By doing it this way, the amount of salt put on the streets is significantly controlled.
- 4. Municipal Buildings. The Town has one municipal/office/meeting/fire station No. 1 building, a second fire station No. 2, one municipal well and one water reservoir site. The Town has no facilities for vehicle repair or changing of motor oil or for salt storage. The only potential pollution would be from parking lot runoff. Fire station No. 2 has a very limited parking area which is not salted. The only larger parking area, which salting is limited, is by the municipal building to provide parking for staff and for meetings.